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Date of Deposit: September 26, 2001

Attorney Docket No. 15966-546CON-S22 (Cura-46  
CON-S22)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

FIRST-NAMED INVENTOR: Fernandes

FOR: NOVEL HUMAN PROTEINS AND POLYNUCLEOTIDES  
ENCODING THEM

Assistant Commissioner for Patents  
Washington, D.C. 20231

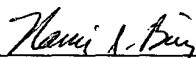
**INFORMATION DISCLOSURE STATEMENT AND ACCOMPANYING  
FORM PTO-1449**

Applicants submit herewith copies of modified PTO-1449 forms submitted in parent application USSN 09/544,511, from which the presently filed application claims priority. Copies of the references listed therein are not enclosed but will be provided upon request. Applicants request that each of the listed documents be made of record in the presently filed application.

This information disclosure statement is being submitted concurrently with the filing of the application. Accordingly, no fee is believed due. However, the Commissioner is authorized to charge any fees due, or credit overpayments of same, to Deposit Account No. 50-0311, Ref. No. 15966-546 CON-S22 (Cura-46 CON-S22).

Respectfully submitted,

Dated: September 26, 2001

  
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PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Modified Form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/544,511
	<b>Filing Date</b>	April 6, 2000
	<b>First Named Inventor</b>	Fernandes, et al.
	<b>Group Art Unit</b>	1643
	<b>Examiner Name</b>	(not yet assigned)
	<b>Attorney Docket Number</b>	15966-546 (Cura-46)

## U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
	A1	5,721,351	2/24/98	Levinson, D.A.			
	A2	5,972,654	10/26/99	Tang, Y.T.			

## FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	B1	WO 99/46281	Wood, W.I., et al.	9/16/99	
	B2	WO 99/35267	Spriggs, M., et al.	7/15/99	
	B3	WO 99/32632	Holtzman, D.A.	7/1/99	
	B4	WO 99/03982	Ruben, S.M., et al.	1/28/99	
	B5	WO 98/49310	Presnell, S.R., et al.	11/5/98	
	B6	WO 96/30052	Levitt, P.R., et al.	10/3/96	
	B7	WO 98/17795	Korenberg, J.R.	4/30/98	
	B8	WO 99/06552	Edwards, D.M., et al.	2/11/99	
	B9	WO 96/27603	Levinson, D.A.	9/12/96	
	B10	WO 92/22319	Ichijo, H., et al.	12/23/92	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
	C1	Struyk, et al., 1995 "Rattus norvegicus neurotrimin mRNA complete CDS." J. Neurosci 15: 2141-2156. GenBank Accession Number: <b>U16845</b>
	C2	Kim, et al., 1999 "Gallus gallus CEPU gene." Mol. Cells 9: 270-276. GenBank Accession Number: <b>AJ225897</b>
	C3	Schofield, et al., 1989 "Bovine mRNA for opioid binding protein/cell adhesion molecule obcam." EMBO J. 8: 489-495. GenBank Accession Number: <b>X12672</b>
	C4	Struyk, et al., 1995 "Neurotrimin Precursor (GP65)." J. Neurosci 15: 2141-2156. GenBank Accession Number: <b>Q62718</b>
	C5	Shark, et al., 1995 "Opioid binding protein/cell adhesion molecule precursor (OBCAM) (opioid-binding cell adhesion molecule) (OPCML)." Gene 155: 213-217. GenBank Accession Number: <b>Q14982</b>
	C6	Weissenbach, et al., 1992 "H. sapiens (D11S928) DNA segment containing (CA) repeat; clone AFM234wh12; single read." Nature 359: 794-801. GenBank Accession Number: <b>Z17052</b>
	C7	Kershaw, 1998 "Caenorhabditis elegans cosmid ZK899, complete sequence." Science 282: 2012-2018. GenBank Accession Number: <b>Z37140</b>
	C8	Daly, et al., 1989 "Major merozoite surface antigen." Mol. Biochem Parasitol 36: 283-286. GenBank Accession Number: <b>AAA29486</b>
	C9	Kikuno, et al., 1999 "Homo sapiens mRNA for KIAA1061 protein, partial cds." DNA Res. 6: 197-205. GenBank Accession Number: <b>AB028984</b>
	C10	Kikuno, et al., 1999 "KIAA1061 protein (homo sapiens)." DNA Res. 6: 197-205. GenBank Accession Number: <b>BAA83013</b>



Date of Deposit: October 12, 2000

FOREIGN PATENT DOCUMENTS					
Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No
	C11	Pettersson, et al., 2000 "Mus musculus mRNA for myeloid associated differentiation protein." J. Leukoc. Biol. 67: 423-431. GenBank Accession Number: <b>AJ001616</b>			
	C12	Pettersson, et al., "Myeloid upregulated protein." Direct submission. GenBank Accession Number: <b>O35682</b>			
	C13	Alonso, et al., 1987 "Myelin and lymphocyte protein (l-lymphocyte maturation-associated protein)." Proc. Natl. Acad. Sci. U.S.A. 84: 1997-2001. GenBank Accession Number: <b>P21145</b>			
	C14	Ichimura, et al., 1998 "Kidney injury molecule-1 precursor (KIM-1)." J. Biol. Chem 273: 4135-4142. GenBank Accession Number: <b>O54947</b>			
	C15	Feigelstock, et al., "Hepatitis A virus cellular receptor 1." Direct submission. GenBank Accession Number: <b>O43656</b>			
	C16	Levanon, et al., 1985 "Superoxide dismutase (CU-ZN)." EMBO J. 4: 77-84. GenBank Accession Number: <b>P00441</b>			
	C17	Zhao, et al., 1995 "Microfibril-associated glycoprotein 4." Hum. Mol. Genet. 4: 589-597. GenBank Accession Number: <b>P55083</b>			
	C18	Kikuno, et al., 1999 DNA Res 6(3): 197-205			
	C19	Kim, et al., 1999 Mol Cells 9(3): 270-276			
	C20	Kolodziej, et al., 1996 Cell 87(2): 197-204			
	C21	Li, et al., 2000 Proc Natl Acad Sci U.S.A. 97(2): 773-778			
	C22	Park, et al., 1996 J Biochem (Tokyo) 119(2): 235-239			
	C23	Patel, et al., 1996 Dev Biol 178(2): 327-342			
	C24	Pimenta, et al., 1996 Gene 170(2): 189-195			
	C25	Struyk, et al., 1995 J Neurosci 15(3 Pt 2): 2141-2156			
	C26	Zwijsen, et al., 1994 Eur J Biochem 225(3): 937-946			
	C27	Teizo, et al., 1996 "New Protein Having Opsonin Activity." JP08038182 Abstract and Formulas I and II.			

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No. \_\_\_\_\_, filed \_\_\_\_\_, and relied upon for an earlier filing date under 35 U.S.C. §120 (continuation, continuation-in-part, and divisional applications).

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered.

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Date of Deposit: August 3, 2001

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Approved for use through 9/30/00. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>Modified Form 1449/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)	<b>Application Number</b>	09/544,511
	<b>Filing Date</b>	April 6, 2000
	<b>First Named Inventor</b>	Fernandes, et al.
	<b>Group Art Unit</b>	1647
	<b>Examiner Name</b>	R.M. DeBerry
	<b>Attorney Docket Number</b>	15966-546

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
	B12	WO	98/45437	Genetics Institute Inc.	10-15-98		
	B13	WO	99/06548	Genset	02-11-99		
	B14	WO	99/63088	Genentech Inc.	12-09-99		
	B15	WO	00/12708	Genentech Inc.	03-09-00		
	B16	WO	99/58668	Ono Pharmaceutical Co.	11-18-99		
	B17	WO	99/18126	Ono Pharmaceutical Co.	04-15-99		
	B18	WO	99/60127	Genentech Inc.	11-25-99		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
	C21	Adams et al., "Use of human BAC End Sequences for Sequence-Ready Map Building." EMBL Accession Number: AQ238977, 1998.					
	C22	Hillier et al., "Generation and analysis of 280,000 human expressed sequence." EMBL Accession Number: AA099802, 1996; <i>Genome Res</i> 6:807-828, 1996.					
	C23	Sehra H., "Human DNA sequence from clone 718J7 on chromosome 20q13.31-13.33. contains part of a gene for a novel protein, the PCK1 gene for soluble phosphoenolpyruvate carboxykinase 1." EMBL Accession Number: AL035541, 1999.					
	C24	Waterston R.H., "The sequence of Homo sapiens clone." EMBL Accession Number: AC020705, 2000.					

<b>Examiner Signature</b>		<b>Date Considered</b>	
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